



29.5.2019

To: SGS North America Inc.  
620 Old Peachtree Road  
SUITE 100  
Suwanee, Georgia  
United States

Dear Sir/Madam,

Re: Request for FCC module certification  
FCC ID: 2AOL7UWISINDS100

We hereby request a Limited Modular certification for the FCC ID referenced above. The device meets the requirements below when installed in host UWIS-DU100.

- The device has buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal;
- The device is supplied with regulated 3V+-5% and 12V+-5% power supplies by the host;
- The device has a permanently attached antenna, per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b);
- The device has no RF shield, but it will fulfil 15.212(a) requirement with the tested host, UWIS-DU100
- The device has demonstrated compliance in a stand-alone configuration;
- The device will be labeled with its permanently affixed FCC ID label.
- The device does comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee;
- The device does comply with RF exposure requirements.

Sincerely,

A handwritten signature in blue ink, appearing to read "Pertti Arvonen", written over a horizontal line.

Pertti Arvonen, CEO  
+358 405140565  
pertti.arvonen@uwis.fi

**A. Single-modular transmitter** is a self-contained, physically delineated, component for which compliance can be demonstrated independent of the host operating conditions, and which complies with all eight requirements of Section 15.212(a)(1) as summarized below. See Section 15.212 for more detailed information, and Section 2.901 (and sub-sections that follow) for general certification requirements.

**B. Limited single-modular transmitter** is a transmitter that does not meet all eight requirements listed in Section 15.212(a)(1), and compliance can be demonstrated only for specific host and applicable operating conditions in which the transmitter will be used. For example, manufacturers have flexibility with respect to requirements such as module shielding, buffered modulation/data inputs and power supply regulation. If one or more of these functions (shielding, buffered modulation/data inputs and power supply regulation) are provided by a specific host or hosts, then the module can be granted as a limited module that is limited to that specific host or hosts. The responsible party must demonstrate how it will retain control over the final installation of the device, such that compliance of the product is ensured by limiting the installation to a specific host or hosts, for example.